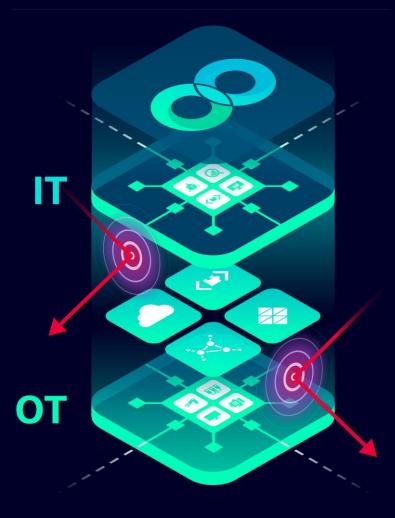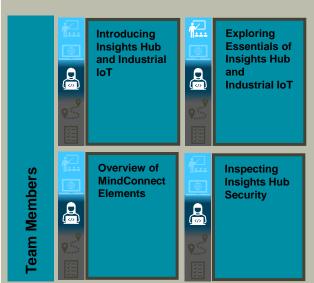# Xcelerator Academy Learning Maps
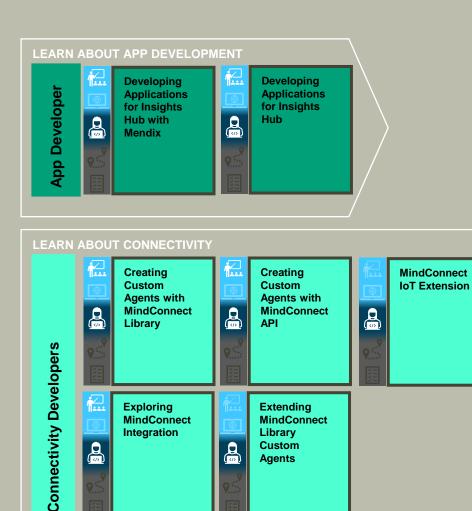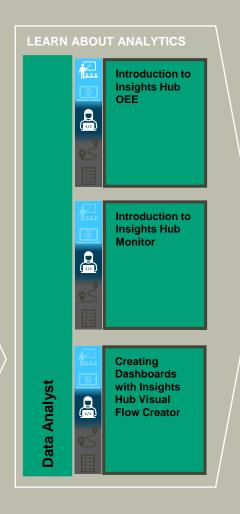# Your learning: At a Glance

IT

OT

Insights Hub

Use our interactive learning maps as a guide to navigate through your content based upon your role then click on the icons throughout to learn more about your delivery options.

Select a role below ⬇

LEARN ESSENTIALS

| Team Members | Introduces terminologies and concepts essential for the MindSphere journey. |

LEARN ABOUT APP DEVELOPMENT

| App Developer | Learn how to develop, register, configure, test, run and publish your MindSphere apps. |

LEARN ABOUT CONNECTIVITY

| Connectivity Developer | Learn how to connect devices to MindSphere |

LEARN ABOUT ANALYTICS

| Data Analyst | Learn how to explore various means of analyzing data in MindSphere. |

GET CERTIFIED

| Insights Hub Associate Certification | Choose your learning and take your exam to complete the MindSphere Associate certification. |

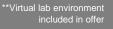**SIEMENS**

Insights Hub → At a Glance

LEARN ESSENTIALS

Team Members

- Introducing Insights Hub and Industrial IoT
- Exploring Essentials of Insights Hub and Industrial IoT
- Overview of MindConnect Elements
- Inspecting Insights Hub Security

LEARN ABOUT APP DEVELOPMENT

App Developer

- Developing Applications for Insights Hub with Mendix
- Developing Applications for Insights Hub

LEARN ABOUT CONNECTIVITY

Connectivity Developers

- Creating Custom Agents with MindConnect Library
- Creating Custom Agents with MindConnect API
- MindConnect IoT Extension
- Exploring MindConnect Integration
- Extending MindConnect Library Custom Agents

LEARN ABOUT ANALYTICS

Data Analyst

- Introduction to Insights Hub OEE
- Introduction to Insights Hub Monitor
- Creating Dashboards with Insights Hub Visual Flow Creator

Legend:

- Instructor-led training
  - **Virtual lab environment included in offer
- On-demand training library
- Xcelerator Academy Membership
  - Add-on vLab hours available for purchase
- Learning Journey
  - **Virtual lab environment included in offer
- Standalone Certification Exam
- Optional

SIEMENS

Course List: Insights Hub Associate Certification

Pass the exam

Siemens Xcelerator Academy Certified

MindSphere Associate 2022

Insights Hub

Introducing Insights Hub and Industrial IoT

📘 05 CHAPTERS estimated 1.9 hours

This learning path sets the foundation to various Insights Hub and Industrial IoT topics. It defines Industrial IoT and introduces the Insights Hub portfolio.

(Insights Hub) (2022.2) (English)

Exploring Essentials of Insights Hub and Industrial IoT

📘 05 CHAPTERS estimated 4.1 hours

In this Learning Path you will get the details of fundamentals of Insights Hub such as Insights Hub Capability Packages, managing Insights Hub environment.

(Insights Hub) (2022) (English)

Overview of MindConnect Elements - 2022.2

📘 04 CHAPTERS estimated 0.9 hours

In this learning path you will get to know various connectivity elements of Insights Hub

(Insights Hub) (2022) (English)

Inspecting Insights Hub Security

📘 07 CHAPTERS estimated 2.3 hours

In this Learning Path you will be introduced to Insights Hub and Industrial IoT security along with Insights Hub Application Security and MindConnect Security

(Insights Hub) (2022) (English)

Developing Applications for Insights Hub

📘 06 CHAPTERS estimated 4.5 hours

"In this learning path, you will gain detailed insights on using Industrial IoT API to build your own application for Insights Hub.

(Insights Hub) (2022) (English)

Creating Custom Agents with MindConnect API - 2023.1

📘 06 CHAPTERS estimated 4.8 hours

"This training provides detailed insights into MindConnect API, which enables you to send data from the field to Insights Hub"

(Insights Hub) (2023) (English)

SIEMENS

Insights Hub Associate → At a Glance

STUDY

Get Started
- Introducing Insights Hub and Industrial IoT

Essentials
- Exploring Essentials of Insights Hub and Industrial IoT
- Overview of MindConnect Elements
- Inspecting Insights Hub Security

App Development and Connectivity
- Developing Applications for Insights Hub
- Creating Custom Agents with MindConnect API

TAKE EXAM
- Practice Exam
- Associate Certification Exam

ACHIEVE CERTIFICATION

Siemens Xcelerator Academy Certified

Insights Hub Associate 2023

Legend
- **Instructor-led training**
- **On-demand training library**
- **Xcelerator Academy Membership**
- **Learning Journey**
- **Standalone Certification Exam**
- **Optional**

**Virtual lab environment included in offer

Add-on vLab hours available for purchase

**Virtual lab environment included in offer

SIEMENS